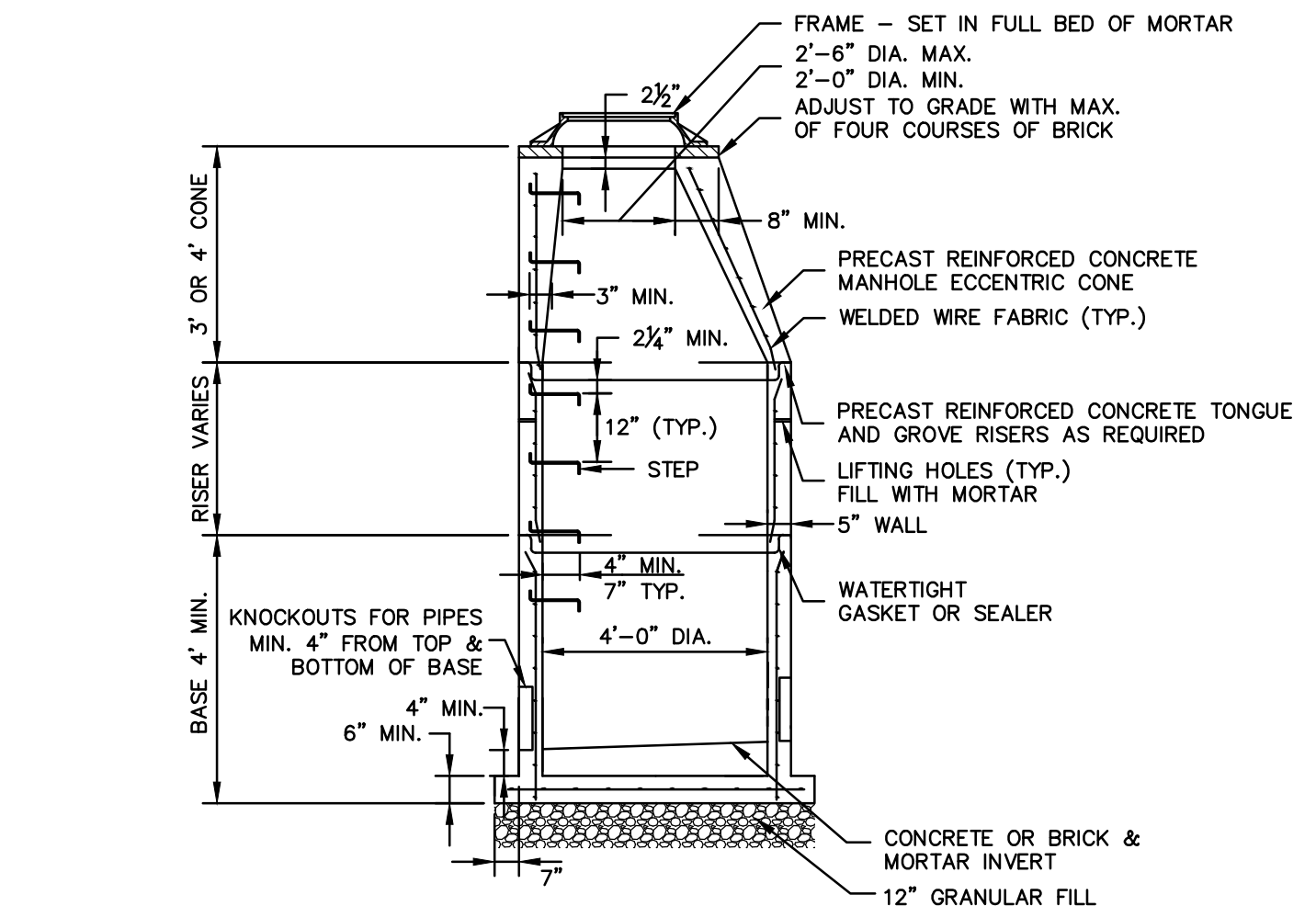


### EXPANSION JOINT IN CONCRETE

SCALE: NONE  
PVT-128-CT

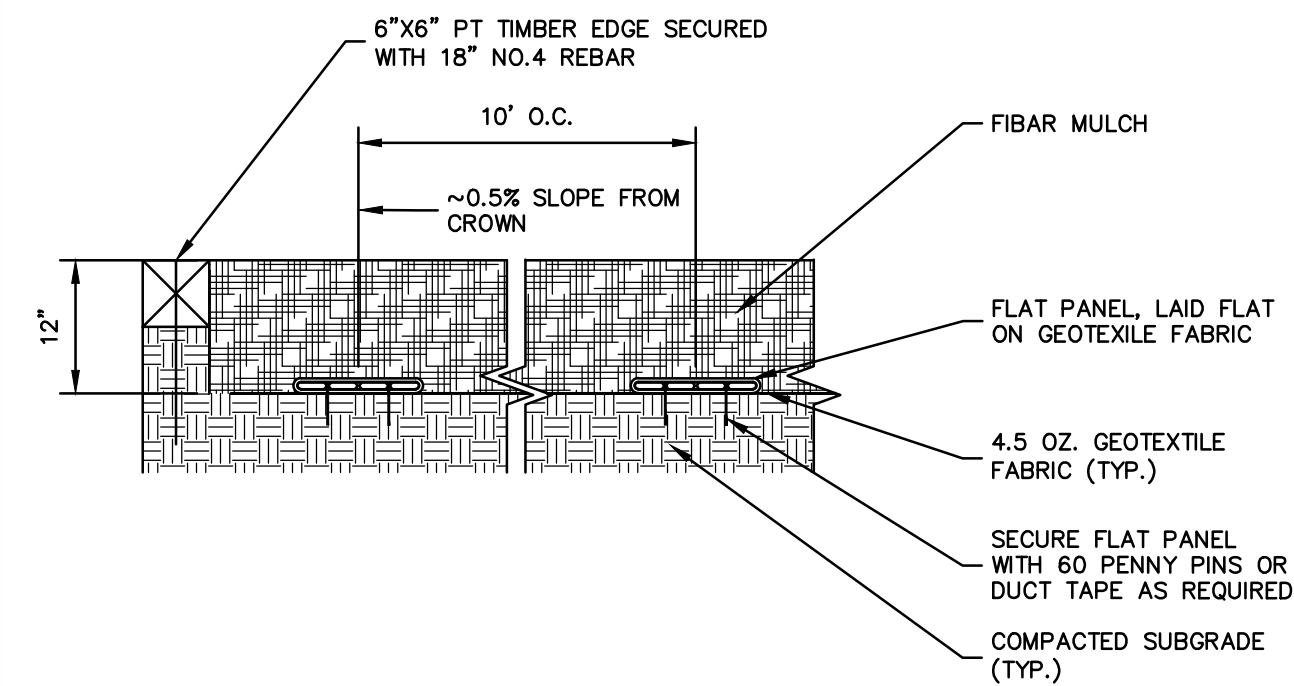


### GENERAL NOTES

1. 5" or 6" DIA. PRECAST BASES MAY BE USED WHEN REQUIRED DUE TO SIZE OR NUMBER OF PIPES AT THE MANHOLE. PRECAST REDUCERS WILL BE PLACED ABOVE THE 5" OR 6" BASES AS DIRECTED BY THE ENGINEER. WALL THICKNESS TO INCREASE 1" FOR EACH 1" OF INSIDE DIAMETER INCREASE.
2. FRAME DIAMETER OF 3'-3" WITH 4" FLANGE MUST BE USED WHEN THE TOP DIA. OF THE PRECAST CONE IS LESS THAN 3'-6". ALL OTHER FRAME DIMENSIONS ARE TO REMAIN THE SAME.
3. MINIMUM CONCRETE COMPRESSIVE STRENGTH OF F'c = 4000 PSI SHALL BE OBTAINED PRIOR TO SHIPPING.

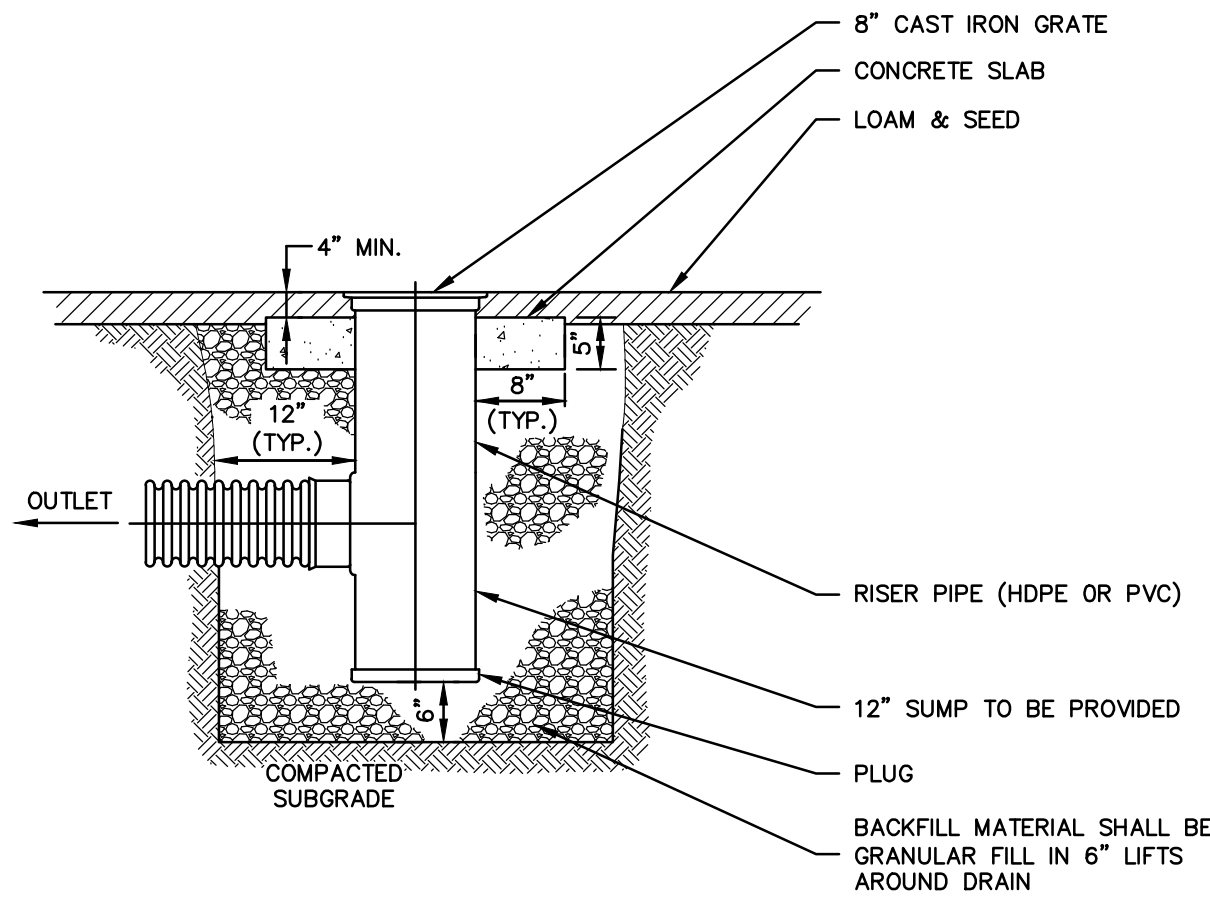
### STORM DRAINAGE MANHOLE

SCALE: NONE  
STM-109-CT



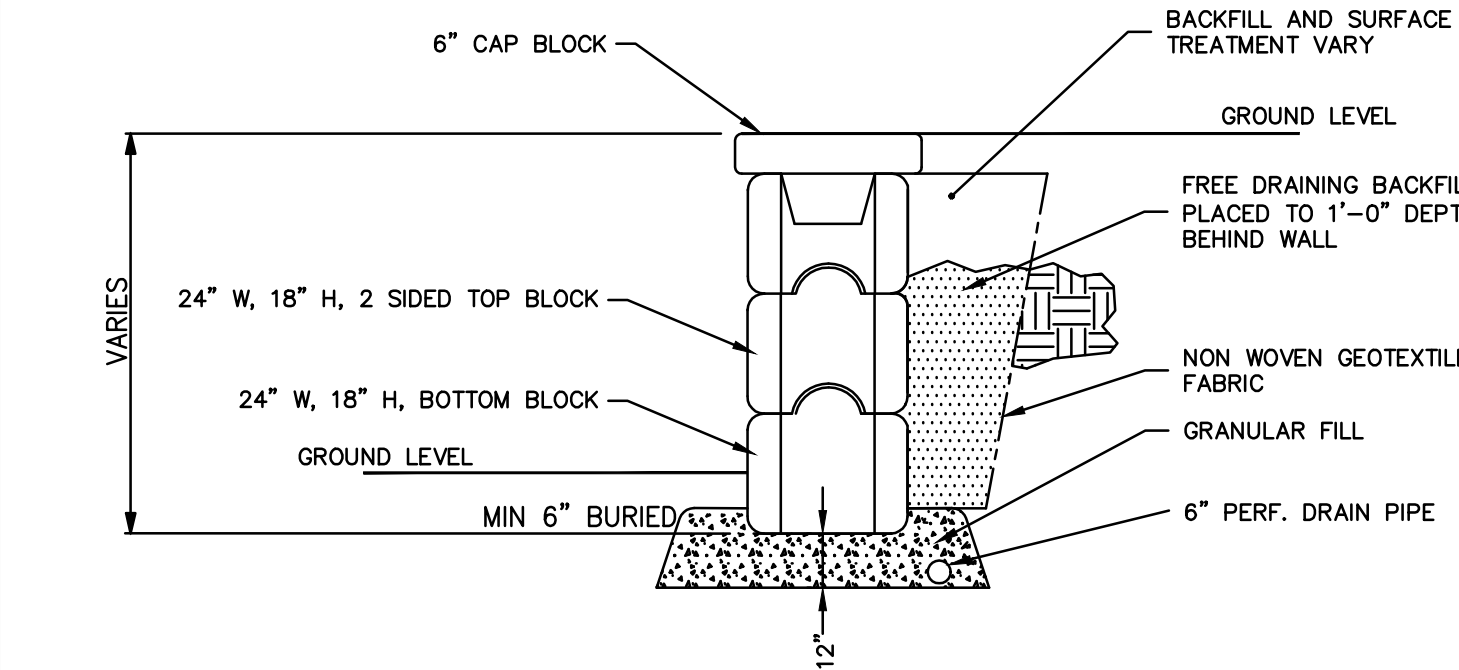
### FIBAR MULCH WITH FLAT PANEL DRAIN

SCALE: NONE



### AREA DRAIN (HDPE OR PVC)

SCALE: NONE  
STM-116-CT

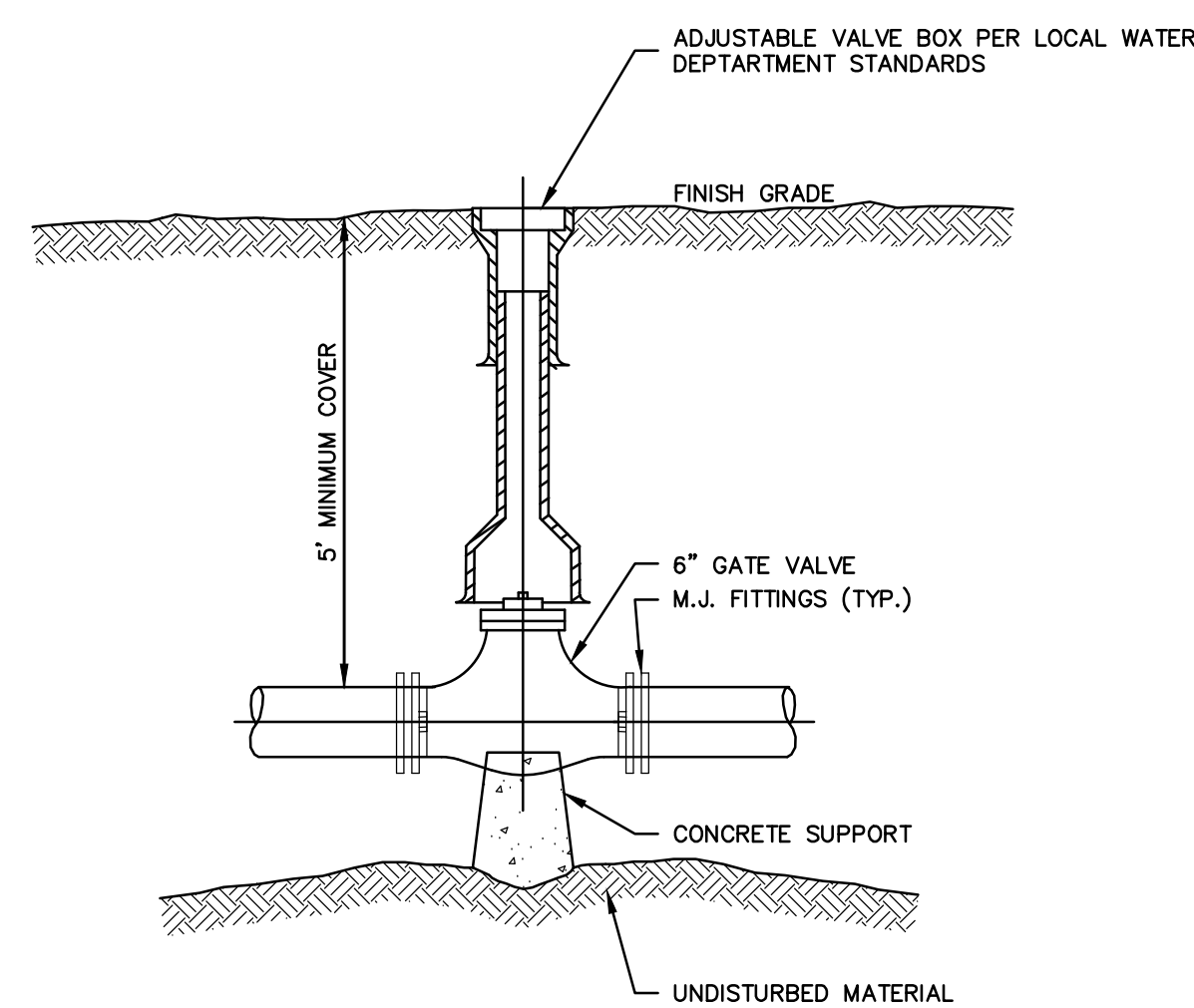


### NOTES

1. MODULAR BLOCK WALL SHALL BE REDI-ROCK PRODUCT LINE, COBBLESTONE FACE MOLD OR APPROVED EQUAL.
2. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
3. A LEVELING PAD OF 3/4" CRUSHED STONE, 8" DEEP AND EXTENDING AT LEAST 12" BEYOND THE FRONT AND THE BACK OF THE BASE BLOCK, SHALL BE INSTALLED. A SURFACE TREATMENT OF TWO (2) COATS OF CHEMTEC ONE CONCRETE DENSIFIER SHALL BE APPLIED PER THE MANUFACTURER'S RECOMMENDATION. A MINIMUM SOIL BEARING CAPACITY OF 3000 PSF IS REQUIRED BENEATH THE LEVELING PAD.

### GRAVITY RETAINING WALL

SCALE: NONE

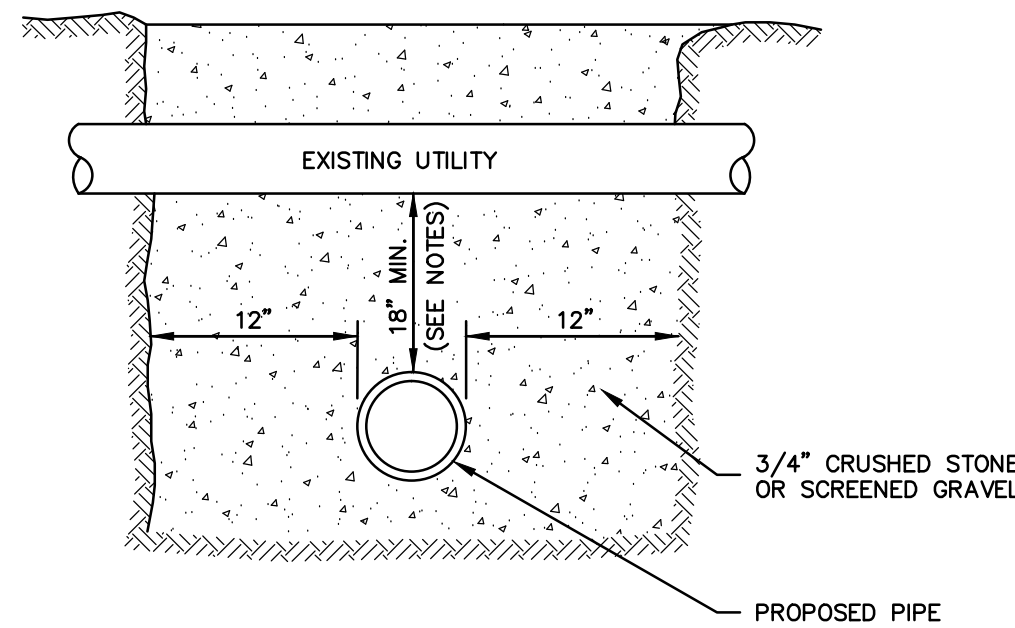
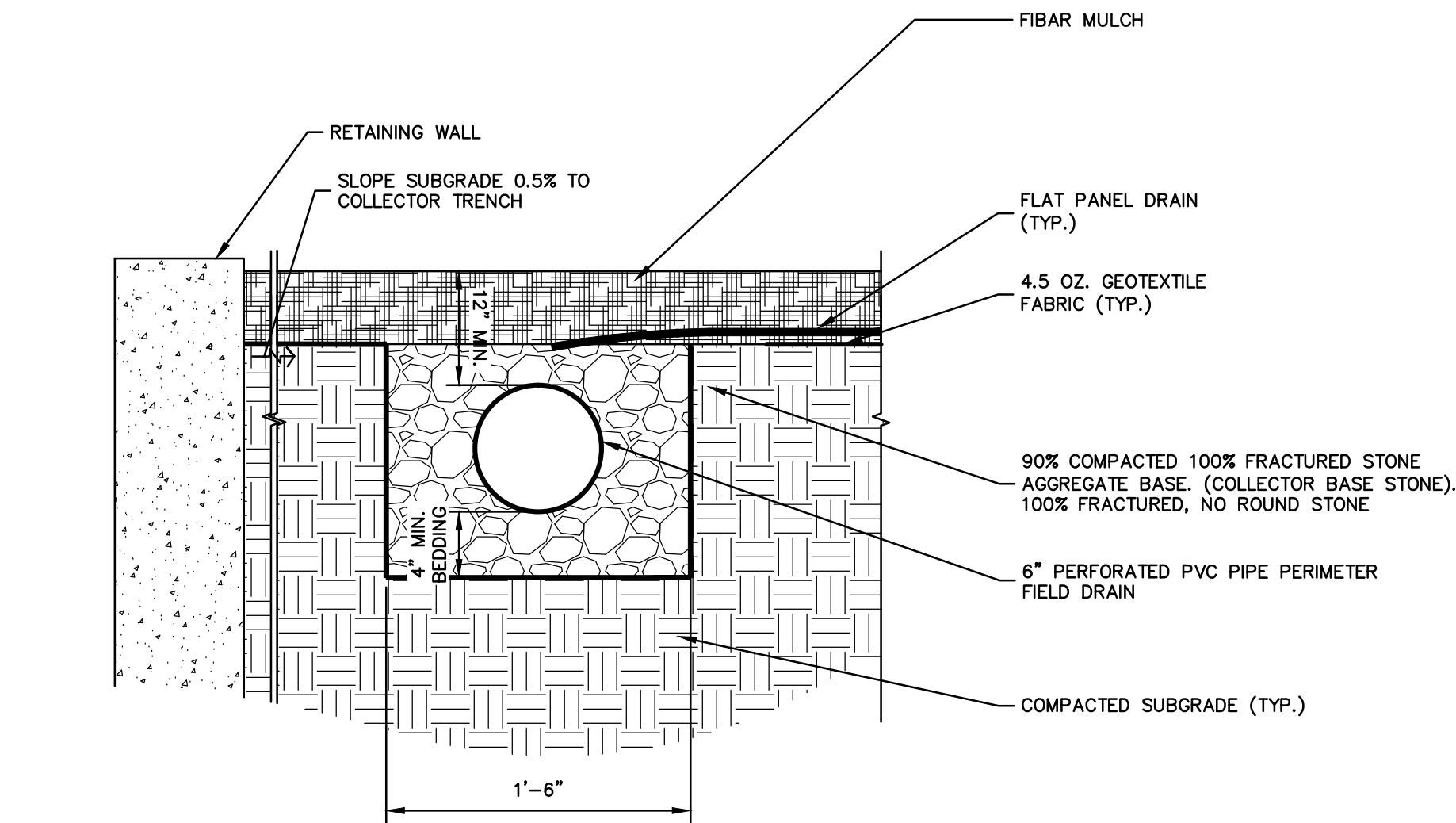


### GATE VALVE

SCALE: NONE  
WTR-102-CT

### COLLECTOR DRAIN

SCALE: NONE

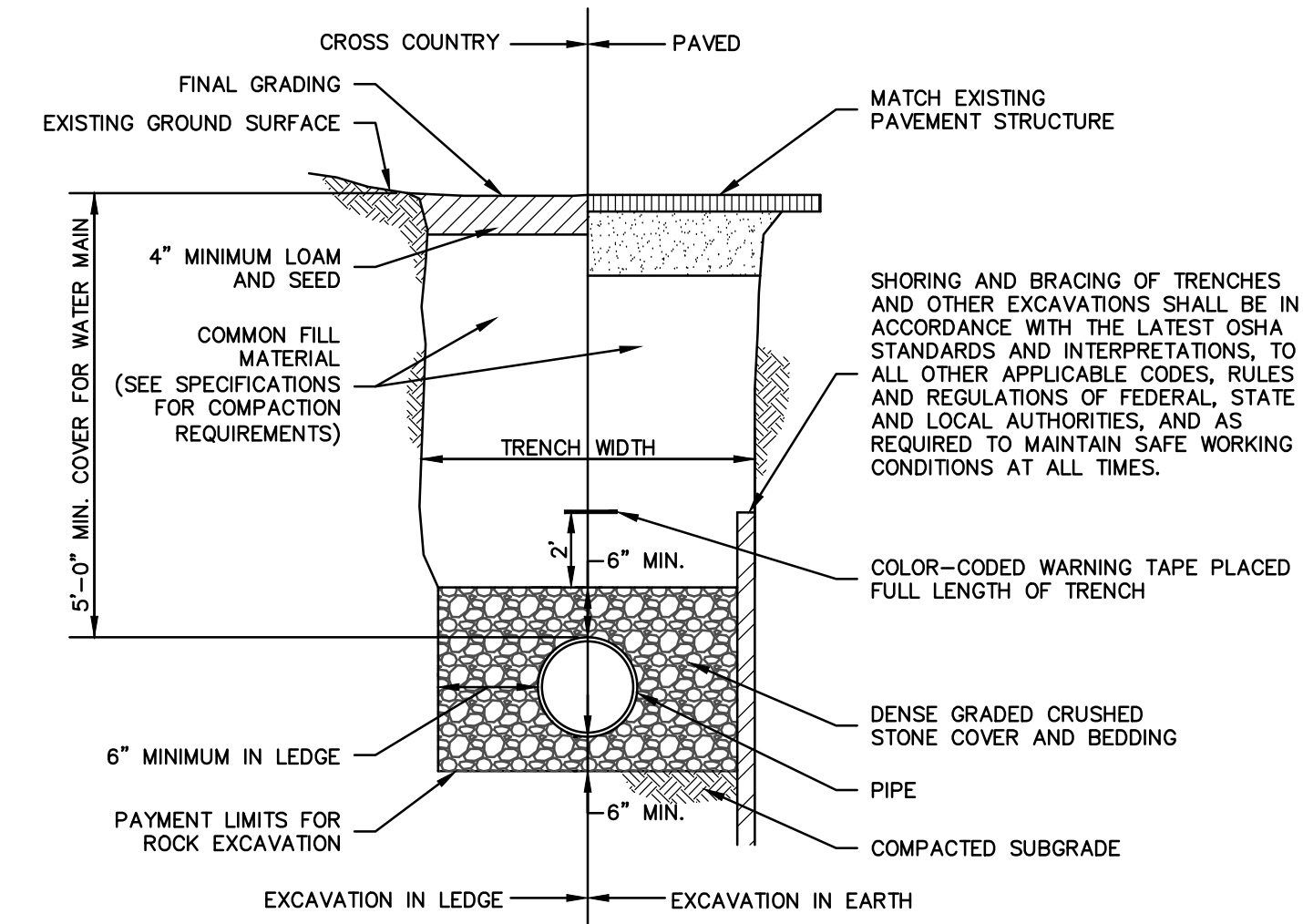


### GENERAL NOTE

1. CONCRETE IS TO BE USED TO ENCASE ALL SANITARY SEWERS AND SERVICE CONNECTIONS WHICH ARE WITHIN 18 INCHES OF A WATER MAIN. ENCASEMENT SHALL BE A MINIMUM OF 6 INCHES AROUND THE SANITARY SEWER, WATER PIPE AND/OR SERVICE CONNECTION AND EXTEND A MINIMUM OF 10 FEET BEYOND THE WATER PIPE AND 10' FEET BEYOND THE SEWER PIPE.
2. SAFEGUARD AND PROTECT EXISTING UTILITIES FROM DAMAGE OR MOVEMENT AND PROVIDE TEMPORARY SUPPORT AS REQUIRED.

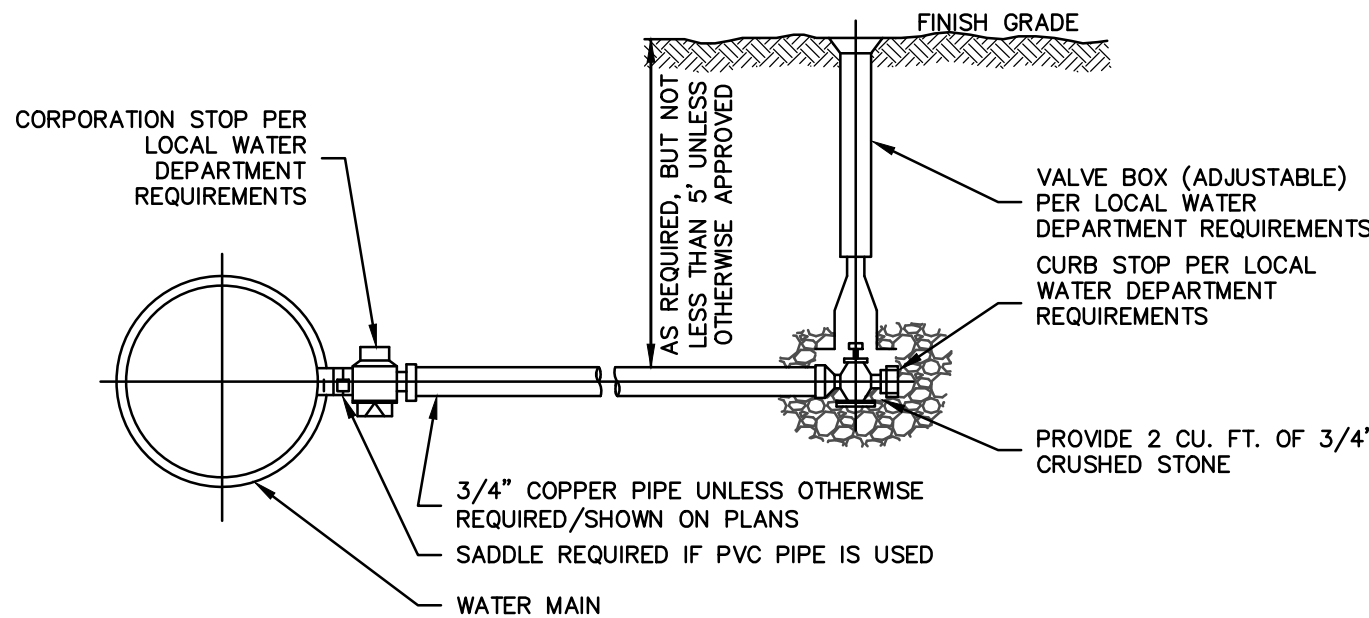
### TYPICAL UTILITY CROSSING

SCALE: NONE  
UTY-102-CT



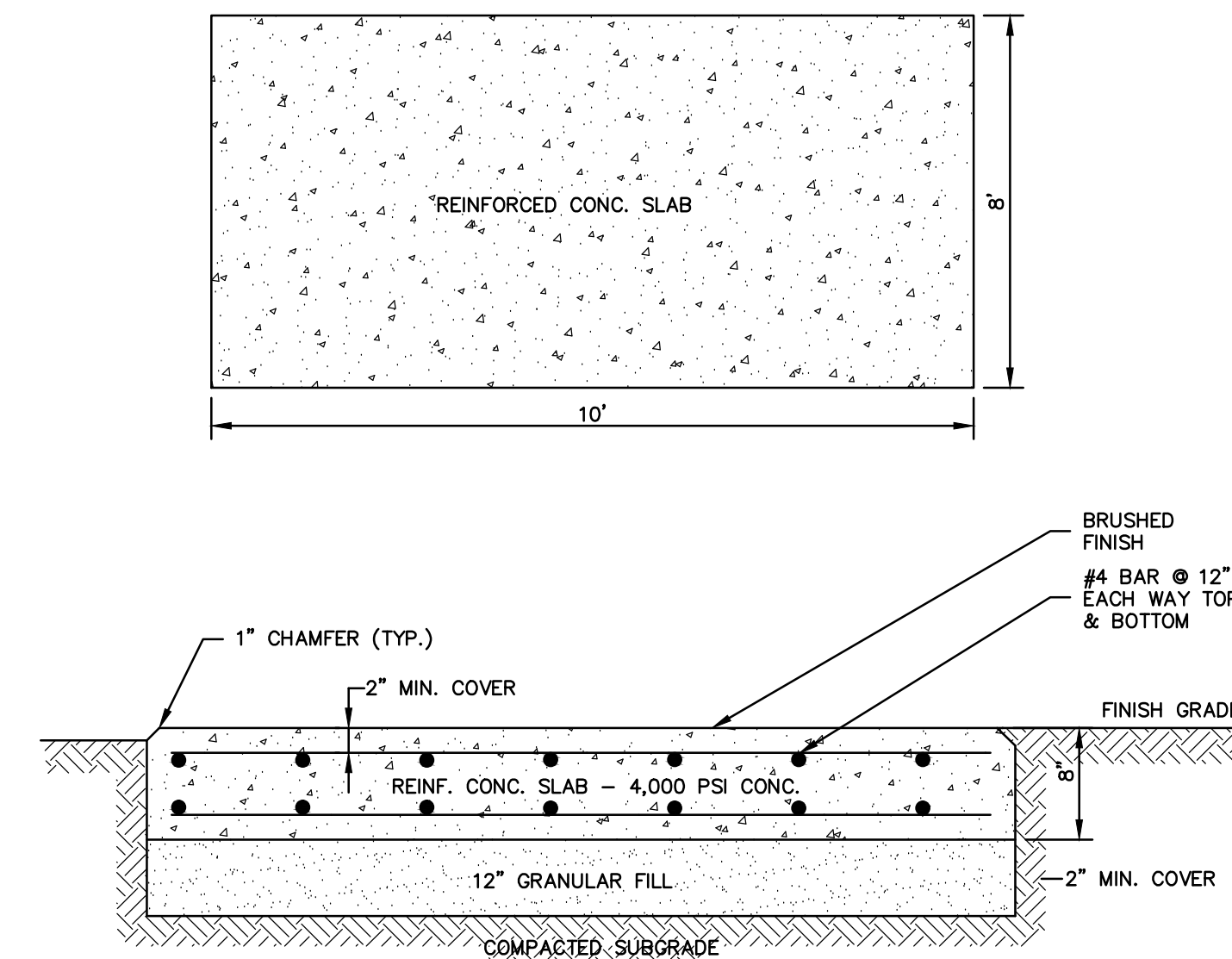
### TYPICAL PIPE TRENCH SECTION

SCALE: NONE  
UTY-103-CT



### WATER SERVICE CONNECTION

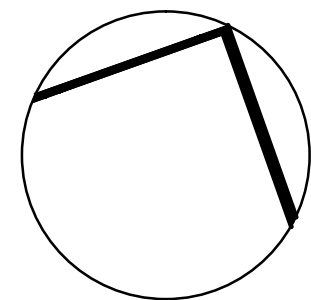
SCALE: NONE  
WTR-104-CT



### REINFORCED CONCRETE DUMPSTER PAD

SCALE: NONE  
PVT-107-CT

**BSC GROUP**  
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Glastonbury, Connecticut 06033  
860 674-8227



A New Facility for:

## Educational Playcare

Storrs Center Storrs, Connecticut

REVISIONS:  
1. 10-16-13 Response to Comments

SCALE: AS NOTED  
DATE: 26, SEPTEMBER 2013

**KENYON & CUTLER**  
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